

Science and engineering profile: Arkansas

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	2,840	620,140	40
S&E doctorates awarded, 2007	91	31,801	43
Life sciences (%)	46	26	–
Engineering (%)	20	24	–
Physical sciences (%)	11	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	139	49,201	38
SEH graduate students in doctorate-granting institutions, 2006	3,760	542,073	35
Population, 2008 (thousands)	2,855	308,014	33
Civilian labor force, 2008 (thousands)	1,370	155,366	34
Personal income per capita, 2007 (dollars)	30,177	38,615	48
Federal spending			
Total expenditures, 2007 (\$millions)	22,454	2,532,073	33
R&D obligations, 2006 (\$millions)	156	107,545	45
Total R&D performance, 2006 (\$millions)	572	335,377	42
Industry R&D, 2006 (\$millions)	285	243,853	41
Academic R&D, 2007 (\$millions)	240	49,406	39
Life sciences (%)	75	60	–
Engineering (%)	10	15	–
Physical sciences (%)	8	8	–
SBIR awards, 2000–07	138	44,157	37
Utility patents issued to state residents, 2008	108	77,493	42
Gross domestic product, 2007 (\$billions)	95	13,832	34

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: Arkansas, FY 2006 (Thousands of dollars)

Agency	Performer							Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	
All agencies	156,164	42,984	0	12,178	94,191	5,575	1,236	45
Department of Agriculture	40,226	18,556	0	0	20,547	670	453	18
Department of Commerce	0	0	0	0	0	0	0	–
Department of Defense	12,361	18	0	3,538	8,805	0	0	50
Department of Energy	2,235	0	0	0	1,672	563	0	47
Department of Health and Human Services	85,476	22,987	0	5,122	52,626	4,342	399	36
Department of Homeland Security	0	0	0	0	0	0	0	–
Department of the Interior	1,616	1,423	0	0	102	0	91	45
Department of Transportation	293	0	0	0	0	0	293	46
Environmental Protection Agency	225	0	0	225	0	0	0	39
National Aeronautics and Space Administration	4,205	0	0	1,273	2,932	0	0	45
National Science Foundation	9,527	0	0	2,020	7,507	0	0	46
Rank	45	37	–	47	40	40	41	

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."